

ABSTRACT OF THE DISCLOSURE

The active cooling panel comprises a first part and a second part of thermostructural composite material, each
5 having an inside face and an opposite outside face, the parts being assembled together by bonding their inside faces together, and channels being formed by indentations formed in the inside face of at least one of the first and second parts. The panel further includes a sealing layer bonded to at least
10 one of the first and second parts and situated at a distance from the assembled-together inside faces thereof. The invention is applicable to making heat exchanger walls such as the walls for the combustion chambers of aircraft engines, or the diverging portions of rocket engines, or plasma
15 confinement chambers in nuclear fusion reactors.